

- a. providing precursor cells comprising human or rat fetal central nervous system cells
  - b. proliferating precursor cells, said step of proliferating comprising:
    - i. incubating a suspension of said precursor cells in a proliferating medium which includes basic fibroblast growth factor (bFGF) to form proliferated precursor cells; and subsequently
  - c. differentiating said precursor cells, said step of differentiating comprising:
    - i. incubating said precursor cells in an incubation vessel which contains differentiation medium in a manner effective to form a reaggregation of differentiated dopaminergic neuron cells that is not adhered to any surface of the incubation vessel, wherein the differentiation medium includes ascorbic acid.
- 

26. (AMENDED) The method of claim 1, wherein the precursor cells comprise human fetal cells obtained between about embryonic week 5 and about embryonic week 8.

27. (AMENDED) The method of claim 1, wherein the precursor cells further comprise rat fetal cells obtained between about embryonic day 10 and about embryonic day 12.

---